

**PACKARD PLANT SITE
DETROIT, MICHIGAN
DATA VALIDATION REPORT**

Date: April 11, 2011

Laboratory: Brighton Analytical L.L.C. (Brighton), Brighton, Michigan

Laboratory Project #: 13698

Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON®) Superfund Technical Assessment and Response Team (START)

Weston Analytical Work Order #/TDD #: 20405.016.001.1424.00/S05-0001-1103-035

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for three waste liquid and two waste solid samples collected for the Packard Plant Site that were analyzed for the following parameters and U.S. Environmental Protection Agency (U.S. EPA) methods:

- Toxicity Characteristic Leaching Procedure (TCLP) Volatile Organic Compounds (VOC) by SW-846 Methods 1311 and 8260B
- TCLP Semivolatile Organic Compounds (SVOC) by SW-846 Methods 1311 and 8270C
- Polychlorinated Biphenyls (PCB) by SW-846 Method 8082
- TCLP Metals by SW-846 Methods 1311, 6020, and 7470A
- Ignitability by SW-846 Method 1010

A level II data package was requested from Brighton. The data validation was conducted in general accordance with the U.S. EPA “Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review” dated June 2008 and “Contract Laboratory Program National Functional Guidelines for Superfund Inorganic Data Review” dated January 2010. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

TCLP VOCs by SW-846 METHODS 1311 AND 8260B

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
FPP-OIL-01	BU09565	Liquid	3/31/2011	4/8/2011
FPP-OIL-02	BU09566	Liquid	3/31/2011	4/8/2011
FPP-OIL-03	BU09567	Liquid	3/31/2011	4/8/2011
FPP-SOLID-02	BU09569	Solid	3/31/2011	4/8/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. Blanks

A method blank was analyzed with the TCLP VOC analyses. The method blank was free of target compound contamination above the reporting limit.

4. Surrogate Results

The surrogate recovery results were within the (QC) limits.

5. Laboratory Control Sample (LCS) Results

The LCS recoveries were within laboratory QC limits.

6. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

Brighton analyzed an MS and MSD using sample FPP-OIL-01 as the spiked sample. The percent recoveries for the MS and MSD were mostly within in QC limits. Two compounds (1,2-dichlorobenzene and 1,3-dichlorobenzene) were detected slightly below the QC limit in the MSD but were within the QC limit in the MS. No qualification was applied for this minor discrepancy.

The relative percent differences (RPD) between the MS and MSD were all within the QC limit of less than or equal to 20 percent.

7. Overall Assessment

The TCLP VOC data are acceptable for use based on the information received.

TCLP SVOCs BY SW-846 METHODS 1311 AND 8270C

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
FPP-OIL-01	BU09565	Liquid	3/31/2011	4/7/2011	4/8/2011
FPP-OIL-02	BU09566	Liquid	3/31/2011	4/7/2011	4/8/2011
FPP-OIL-03	BU09567	Liquid	3/31/2011	4/7/2011	4/8/2011
FPP-SOLID-02	BU09569	Solid	3/31/2011	4/7/2011	4/8/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

A method blank was analyzed with the TCLP SVOC analyses. The method blank was free of target compound contamination above the reporting limits.

4. Surrogate Results

The surrogate recoveries were within QC limits except for as follows. In sample FPP-OIL-03, the surrogate d5-phenol recovery was low at 11 percent. Because the other surrogate recoveries were acceptable, no qualification was applied.

5. LCS Results

The percent recoveries for the LCS results were within the laboratory-established QC limits.

6. MS and MSD Results

Brighton analyzed an MS and MSD using sample FPP-OIL-01 as the spiked sample. The percent recoveries and RPDs for the MS and MSD were within the laboratory-established QC limits except for as follows. Phenol; 2,4,5-trichlorophenol; 2-methylphenol; 4-nitrophenol; and pentachlorophenol all had slightly elevated recoveries above the QC limit. In addition, the RPD for 4-nitrophenol was slightly elevated at 21.4 percent. Because TCLP SVOCs were not detected in the samples, no qualifications were required.

7. Overall Assessment

The TCLP SVOC data are acceptable for use based on the information received.

PCBs BY U.S. EPA SW-846 METHOD 8082

1. Samples

The following table summarizes the samples for which this data validation was conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
FPP-OIL-01	BU09565	Liquid	3/31/2011	4/4/2011
FPP-OIL-02	BU09566	Liquid	3/31/2011	4/4/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

A method blank was analyzed with the PCB analysis. The method blank was free of target compound contamination.

4. Surrogates

The surrogate recoveries were within QC limits.

5. **MS and MSD Results**

Brighton analyzed an MS and MSD using sample FPP-OIL-01 as the spiked sample. The percent recoveries and RPDs were within the laboratory-established QC limits.

6. **Overall Assessment**

The PCB data are acceptable for use based on the information received.

TCLP METALS BY SW-846 METHODS 1311, 6020, AND 7470A

1. **Samples**

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
FPP-OIL-01	BU09565	Liquid	3/31/2011	4/4/2011 – 4/5/2011
FPP-OIL-02	BU09566	Liquid	3/31/2011	4/4/2011 – 4/5/2011
FPP-OIL-03	BU09567	Liquid	3/31/2011	4/4/2011 – 4/5/2011
FPP-SOLID-01	BU09568	Solid	3/31/2011	4/4/2011 – 4/5/2011
FPP-SOLID-02	BU09569	Solid	3/31/2011	4/4/2011 – 4/5/2011

2. **Holding Times**

The samples were analyzed within the required holding time limit of 28 days from sample collection to analysis for mercury and 180 days from sample collection to analysis for all other metals.

3. **Blank Results**

Method blanks were analyzed with the TCLP metals analysis. The blanks were free of target analyte contamination above the reporting limits.

4. **LCS Results**

The LCS recoveries were within the QC limits for target analytes.

5. MS and MSD Results

Brighton analyzed an MS and MSD using sample FPP-OIL-01 as the spiked sample. The percent recoveries and RPDs for the MS and MSD were within the laboratory-established QC limits except for the zinc recoveries. Because the sample concentration was much greater (more than 4 times) than the spike concentration, no qualification is required.

6. Overall Assessment

The TCLP metals data are acceptable for use based on the information received.

GENERAL CHEMISTRY PARAMETERS (ignitability by SW-846 1010)

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
FPP-OIL-03	BU09567	Liquid	3/31/2011	4/8/2011

2. Holding Times

The holding times for ignitability was acceptable. There is no specific holding time limit for this analysis; the ignitability method states that the samples are to be analyzed as soon as possible.

3. LCS Results

For the ignitability analysis, a check standard was analyzed with a 103 percent agreement to the flashpoint for that standard.

4. Laboratory Duplicate Results

A laboratory duplicate was analyzed with the ignitability analysis. The duplicate RPD was within QC limits.

Data Validation Report
Packard Plant Site
Brighton Analytical L.L.C.
Laboratory Project #: 13698

5. Overall Assessment

The ignitability data is acceptable for use based on the information received.

Data Validation Report
Packard Plant Site
Brighton Analytical L.L.C.
Laboratory Project #: 13698

ATTACHMENT

**BRIGHTON ANALYTICAL L.L.C.
RESULTS SUMMARY**



2105 Pless Drive • Brighton, Michigan 48114 • Phone (810) 229-7575 • Fax (810) 229-8650 • E-mail bai-brighton@sbcglobal.net

April 08, 2011

Weston Solutions of Michigan, Inc.
360 E. Maple Road
Suite R
Troy, MI 48083

Subject: Former Packard Plant
20405.012.001.1325.00

Dear Ms. Kozel :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Enclosed are the results for the samples submitted on 04/01/2011 for the above mentioned project. Duplicate copies can be supplied at your request for a fee of \$20.00 per copy.

The invoice for this project will be mailed with copy of report. If you have any questions concerning the invoice or the data, please don't hesitate to contact our office. Please reference Brighton Analytical, L.L.C. project ID 13698 when calling with any questions regarding this project.

Sincerely,
Brighton Analytical, L.L.C.



Brighton Analytical, L.L.C.

2105 Pless Drive

Brighton, Michigan 48116

™ Phone: (810) 229-7575 FAX: (810) 229-8650

e-mail: bai-brighton@sbcglobal.net

To: Weston Solutions of Michigan, Inc.

360 E. Maple Road

Suite R

Troy, MI 48083

Sample Date: 3/31/2011

Submit Date: 4/1/2011

Report Date: 4/8/2011

BA Report Number: 13698

BA Sample ID: BU09565

Project Name: Former Packard Plant

Project Number: 20405.012.001.1325.00

Sample ID: FPP-OIL-01

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
TCLP Metal Analysis						
TCLP Arsenic	Not detected	ug/L	200	SW846 6020	GW	4/4/2011
TCLP Barium	400	ug/L	100	SW846 6020	GW	4/4/2011
TCLP Cadmium	Not detected	ug/L	40	SW846 6020	GW	4/4/2011
TCLP Chromium	Not detected	ug/L	10	SW846 6020	GW	4/4/2011
TCLP Copper	Not detected	ug/L	100	SW846 6020	GW	4/4/2011
TCLP Lead	400	ug/L	200	SW846 6020	GW	4/4/2011
TCLP Mercury	Not detected	ug/L	2	SW846 7470A	KW	4/5/2011
TCLP Selenium	Not detected	ug/L	300	SW846 6020	GW	4/4/2011
TCLP Silver	Not detected	ug/L	100	SW846 6020	GW	4/4/2011
TCLP Zinc	29000	ug/L	70	SW846 6020	GW	4/4/2011
TCLP Mercury (digestion)	Digested			7470	KW	4/5/2011
TCLP Metal (digestion)	Digested			3015	LS	4/4/2011
PCB Oil Analysis						
ARO 1016	Not detected	mg/Kg	0.33	SW846 8082	BY	4/4/2011
ARO 1221	Not detected	mg/Kg	0.33	SW846 8082	BY	4/4/2011
ARO 1232	Not detected	mg/Kg	0.33	SW846 8082	BY	4/4/2011
ARO 1242	Not detected	mg/Kg	0.33	SW846 8082	BY	4/4/2011
ARO 1248	Not detected	mg/Kg	0.33	SW846 8082	BY	4/4/2011
ARO 1254	Not detected	mg/Kg	0.33	SW846 8082	BY	4/4/2011
ARO 1260	Not detected	mg/Kg	0.33	SW846 8082	BY	4/4/2011
ARO 1262	Not detected	mg/Kg	0.33	SW846 8082	BY	4/4/2011
ARO 1268	Not detected	mg/Kg	0.33	SW846 8082	BY	4/4/2011
Total PCB	Not detected	mg/Kg	0.33	SW846 8082	BY	4/4/2011
PCB/Pesticide Surrogate Recovery						
Decachlorobiphenyl(DCB)	75	%		8081/8082	BY	4/4/2011

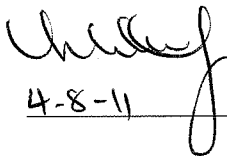
Sample Date: 3/31/2011
Submit Date: 4/1/2011
Report Date: 4/8/2011To: Weston Solutions of Michigan, Inc.
360 E. Maple Road
Suite R
Troy, MI 48083BA Report Number: 13698
BA Sample ID: BU09565Project Name: Former Packard Plant
Project Number: 20405.012.001.1325.00
Sample ID: FPP-OIL-01

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
TCLP Semi-Volatile						
Cresol	Not detected	ug/L	20000	SW846 8270C	RG	4/8/2011
2,4-Dinitrotoluene	Not detected	ug/L	20	SW846 8270C	RG	4/8/2011
Hexachlorobenzene	Not detected	ug/L	20	SW846 8270C	RG	4/8/2011
Hexachlorobutadiene	Not detected	ug/L	50	SW846 8270C	RG	4/8/2011
Hexachloroethane	Not detected	ug/L	300	SW846 8270C	RG	4/8/2011
Nitrobenzene	Not detected	ug/L	200	SW846 8270C	RG	4/8/2011
Pentachlorophenol	Not detected	ug/L	10000	SW846 8270C	RG	4/8/2011
Pyridine	Not detected	ug/L	500	SW846 8270C	RG	4/8/2011
2,4,5-Trichlorophenol	Not detected	ug/L	40000	SW846 8270C	RG	4/8/2011
2,4,6-Trichlorophenol	Not detected	ug/L	200	SW846 8270C	RG	4/8/2011
TCLP BNA (extraction)	Extracted			3510C/3545	MB	4/7/2011
Semi-Volatile Surrogate Recovery						
d14-Terphenyl	123	%		8270/625	RG	4/8/2011
d5-Nitrobenzene	117	%		8270/625	RG	4/8/2011
d5-Phenol	100	%		8270/625	RG	4/8/2011
2-Fluorobiphenyl	117	%		8270/625	RG	4/8/2011
2-Fluorophenol	99	%		8270/625	RG	4/8/2011
2,4,6-Tribromophenol	152	%		8270/625	RG	4/8/2011
TCLP Volatile Analysis						
Benzene	Not detected	ug/L	50	SW846 8260B	CW	4/8/2011
Carbon tetrachloride	Not detected	ug/L	50	SW846 8260B	CW	4/8/2011
Chlorobenzene	Not detected	ug/L	10000	SW846 8260B	CW	4/8/2011
Chloroform	Not detected	ug/L	600	SW846 8260B	CW	4/8/2011
1,4-Dichlorobenzene	Not detected	ug/L	750	SW846 8260B	CW	4/8/2011
1,2-Dichloroethane	Not detected	ug/L	50	SW846 8260B	CW	4/8/2011
1,1-Dichloroethene	Not detected	ug/L	70	SW846 8260B	CW	4/8/2011
Methyl ethyl ketone	Not detected	ug/L	20000	SW846 8260B	CW	4/8/2011
Tetrachloroethene	Not detected	ug/L	70	SW846 8260B	CW	4/8/2011

Sample Date: 3/31/2011
Submit Date: 4/1/2011
Report Date: 4/8/2011To: Weston Solutions of Michigan, Inc.
360 E. Maple Road
Suite R
Troy, MI 48083BA Report Number: **13698**
BA Sample ID: **BU09565**Project Name: **Former Packard Plant**
Project Number: **20405.012.001.1325.00**
Sample ID: **FPP-OIL-01**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Trichloroethene	Not detected	ug/L	50	SW846 8260B	CW	4/8/2011
Vinyl chloride	Not detected	ug/L	20	SW846 8260B	CW	4/8/2011
Volatile Surrogate Recovery						
4-Bromofluorobenzene	99	%		8260/624	CW	4/8/2011
d4-1,2 Dichloroethane	104	%		8260/624	CW	4/8/2011
d8-Toluene	106	%		8260/624	CW	4/8/2011

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by: Date: 4-8-11



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

To: Weston Solutions of Michigan, Inc.
360 E. Maple Road
Suite R
Troy, MI 48083

Sample Date: 3/31/2011
Submit Date: 4/1/2011
Report Date: 4/8/2011

BA Report Number: 13698
BA Sample ID: BU09566

Project Name: Former Packard Plant
Project Number: 20405.012.001.1325.00
Sample ID: FPP-OIL-02

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
TCLP Metal Analysis						
TCLP Arsenic	Not detected	ug/L	200	SW846 6020	GW	4/4/2011
TCLP Barium	300	ug/L	100	SW846 6020	GW	4/4/2011
TCLP Cadmium	Not detected	ug/L	40	SW846 6020	GW	4/4/2011
TCLP Chromium	Not detected	ug/L	10	SW846 6020	GW	4/4/2011
TCLP Copper	100	ug/L	100	SW846 6020	GW	4/4/2011
TCLP Lead	Not detected	ug/L	200	SW846 6020	GW	4/4/2011
TCLP Mercury	Not detected	ug/L	2	SW846 7470A	KW	4/5/2011
TCLP Selenium	Not detected	ug/L	300	SW846 6020	GW	4/4/2011
TCLP Silver	Not detected	ug/L	100	SW846 6020	GW	4/4/2011
TCLP Zinc	15000	ug/L	70	SW846 6020	GW	4/4/2011
TCLP Mercury (digestion)	Digested			7470	KW	4/5/2011
TCLP Metal (digestion)	Digested			3015	LS	4/4/2011
PCB Oil Analysis						
ARO 1016	Not detected	mg/Kg	0.33	SW846 8082	BY	4/4/2011
ARO 1221	Not detected	mg/Kg	0.33	SW846 8082	BY	4/4/2011
ARO 1232	Not detected	mg/Kg	0.33	SW846 8082	BY	4/4/2011
ARO 1242	Not detected	mg/Kg	0.33	SW846 8082	BY	4/4/2011
ARO 1248	Not detected	mg/Kg	0.33	SW846 8082	BY	4/4/2011
ARO 1254	Not detected	mg/Kg	0.33	SW846 8082	BY	4/4/2011
ARO 1260	Not detected	mg/Kg	0.33	SW846 8082	BY	4/4/2011
ARO 1262	Not detected	mg/Kg	0.33	SW846 8082	BY	4/4/2011
ARO 1268	Not detected	mg/Kg	0.33	SW846 8082	BY	4/4/2011
Total PCB	Not detected	mg/Kg	0.33	SW846 8082	BY	4/4/2011
PCB/Pesticide Surrogate Recovery						
Decachlorobiphenyl(DCB)	72	%		8081/8082	BY	4/4/2011
TCLP Semi-Volatile						
Cresol	Not detected	ug/L	20000	SW846 8270C	RG	4/8/2011



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

To: Weston Solutions of Michigan, Inc.
360 E. Maple Road
Suite R
Troy, MI 48083

Sample Date: 3/31/2011
Submit Date: 4/1/2011
Report Date: 4/8/2011

BA Report Number: **13698**
BA Sample ID: **BU09566**

Project Name: **Former Packard Plant**
Project Number: **20405.012.001.1325.00**
Sample ID: **FPP-OIL-02**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2,4-Dinitrotoluene	Not detected	ug/L	20	SW846 8270C	RG	4/8/2011
Hexachlorobenzene	Not detected	ug/L	20	SW846 8270C	RG	4/8/2011
Hexachlorobutadiene	Not detected	ug/L	50	SW846 8270C	RG	4/8/2011
Hexachloroethane	Not detected	ug/L	300	SW846 8270C	RG	4/8/2011
Nitrobenzene	Not detected	ug/L	200	SW846 8270C	RG	4/8/2011
Pentachlorophenol	Not detected	ug/L	10000	SW846 8270C	RG	4/8/2011
Pyridine	Not detected	ug/L	500	SW846 8270C	RG	4/8/2011
2,4,5-Trichlorophenol	Not detected	ug/L	40000	SW846 8270C	RG	4/8/2011
2,4,6-Trichlorophenol	Not detected	ug/L	200	SW846 8270C	RG	4/8/2011
TCLP BNA (extraction)	Extracted			3510C/3545	MB	4/7/2011
Semi-Volatile Surrogate Recovery						
d14-Terphenyl	126	%		8270/625	RG	4/8/2011
d5-Nitrobenzene	110	%		8270/625	RG	4/8/2011
d5-Phenol	94	%		8270/625	RG	4/8/2011
2-Fluorobiphenyl	117	%		8270/625	RG	4/8/2011
2-Fluorophenol	91	%		8270/625	RG	4/8/2011
2,4,6-Tribromophenol	134	%		8270/625	RG	4/8/2011
TCLP Volatile Analysis						
Benzene	Not detected	ug/L	50	SW846 8260B	CW	4/8/2011
Carbon tetrachloride	Not detected	ug/L	50	SW846 8260B	CW	4/8/2011
Chlorobenzene	Not detected	ug/L	10000	SW846 8260B	CW	4/8/2011
Chloroform	Not detected	ug/L	600	SW846 8260B	CW	4/8/2011
1,4-Dichlorobenzene	Not detected	ug/L	750	SW846 8260B	CW	4/8/2011
1,2-Dichloroethane	Not detected	ug/L	50	SW846 8260B	CW	4/8/2011
1,1-Dichloroethene	Not detected	ug/L	70	SW846 8260B	CW	4/8/2011
Methyl ethyl ketone	Not detected	ug/L	20000	SW846 8260B	CW	4/8/2011
Tetrachloroethene	Not detected	ug/L	70	SW846 8260B	CW	4/8/2011
Trichloroethene	Not detected	ug/L	50	SW846 8260B	CW	4/8/2011
Vinyl chloride	Not detected	ug/L	20	SW846 8260B	CW	4/8/2011



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

Sample Date: 3/31/2011
Submit Date: 4/1/2011
Report Date: 4/8/2011

To: Weston Solutions of Michigan, Inc.
360 E. Maple Road
Suite R
Troy, MI 48083

BA Report Number: 13698
BA Sample ID: BU09566

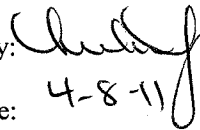
Project Name: Former Packard Plant
Project Number: 20405.012.001.1325.00
Sample ID: FPP-OIL-02

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Volatile Surrogate Recovery						
4-Bromofluorobenzene	102	%		8260/624	CW	4/8/2011
d4-1,2 Dichloroethane	107	%		8260/624	CW	4/8/2011
d8-Toluene	102	%		8260/624	CW	4/8/2011

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by:

Date:


4-8-11



Brighton Analytical, L.L.C.

2105 Pless Drive

Brighton, Michigan 48116

Phone: (810) 229-7575 FAX: (810) 229-8650

e-mail: bai-brighton@sbcglobal.net

To: Weston Solutions of Michigan, Inc.

360 E. Maple Road

Suite R

Troy, MI 48083

Sample Date: 3/31/2011

Submit Date: 4/1/2011

Report Date: 4/8/2011

BA Report Number: 13698

BA Sample ID: BU09567

Project Name: Former Packard Plant

Project Number: 20405.012.001.1325.00

Sample ID: FPP-OIL-03

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
TCLP Metal Analysis						
TCLP Arsenic	Not detected	ug/L	200	SW846 6020	GW	4/4/2011
TCLP Barium	500	ug/L	100	SW846 6020	GW	4/4/2011
TCLP Cadmium	Not detected	ug/L	40	SW846 6020	GW	4/4/2011
TCLP Chromium	Not detected	ug/L	10	SW846 6020	GW	4/4/2011
TCLP Copper	Not detected	ug/L	100	SW846 6020	GW	4/4/2011
TCLP Lead	Not detected	ug/L	200	SW846 6020	GW	4/4/2011
TCLP Mercury	Not detected	ug/L	2	SW846 7470A	KW	4/5/2011
TCLP Selenium	Not detected	ug/L	300	SW846 6020	GW	4/4/2011
TCLP Silver	Not detected	ug/L	100	SW846 6020	GW	4/4/2011
TCLP Zinc	390	ug/L	70	SW846 6020	GW	4/4/2011
TCLP Mercury (digestion)	Digested			7470	KW	4/5/2011
TCLP Metal (digestion)	Digested			3015	LS	4/4/2011
Inorganic Analysis						
Ignitability	FLASH@93	deg F	60-200	SW846 1010	KW	4/8/2011
TCLP Semi-Volatile						
Cresol	Not detected	ug/L	20000	SW846 8270C	RG	4/8/2011
2,4-Dinitrotoluene	Not detected	ug/L	20	SW846 8270C	RG	4/8/2011
Hexachlorobenzene	Not detected	ug/L	20	SW846 8270C	RG	4/8/2011
Hexachlorobutadiene	Not detected	ug/L	50	SW846 8270C	RG	4/8/2011
Hexachloroethane	Not detected	ug/L	300	SW846 8270C	RG	4/8/2011
Nitrobenzene	Not detected	ug/L	200	SW846 8270C	RG	4/8/2011
Pentachlorophenol	Not detected	ug/L	10000	SW846 8270C	RG	4/8/2011
Pyridine	Not detected	ug/L	500	SW846 8270C	RG	4/8/2011
2,4,5-Trichlorophenol	Not detected	ug/L	40000	SW846 8270C	RG	4/8/2011
2,4,6-Trichlorophenol	Not detected	ug/L	200	SW846 8270C	RG	4/8/2011
TCLP BNA (extraction)	Extracted			3510C/3545	MB	4/7/2011

To: Weston Solutions of Michigan, Inc.
360 E. Maple Road
Suite R
Troy, MI 48083Sample Date: 3/31/2011
Submit Date: 4/1/2011
Report Date: 4/8/2011BA Report Number: 13698
BA Sample ID: BU09567Project Name: Former Packard Plant
Project Number: 20405.012.001.1325.00
Sample ID: FPP-OIL-03

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Semi-Volatile Surrogate Recovery						
d14-Terphenyl	121	%		8270/625	RG	4/8/2011
d5-Nitrobenzene	111	%		8270/625	RG	4/8/2011
d5-Phenol	11*	%		8270/625	RG	4/8/2011
2-Fluorobiphenyl	111	%		8270/625	RG	4/8/2011
2-Fluorophenol	84	%		8270/625	RG	4/8/2011
2,4,6-Tribromophenol	120	%		8270/625	RG	4/8/2011
TCLP Volatile Analysis						
Benzene	Not detected	ug/L	200	SW846 8260B	CW	4/8/2011
Carbon tetrachloride	Not detected	ug/L	200	SW846 8260B	CW	4/8/2011
Chlorobenzene	Not detected	ug/L	10000	SW846 8260B	CW	4/8/2011
Chloroform	Not detected	ug/L	600	SW846 8260B	CW	4/8/2011
1,4-Dichlorobenzene	Not detected	ug/L	750	SW846 8260B	CW	4/8/2011
1,2-Dichloroethane	Not detected	ug/L	200	SW846 8260B	CW	4/8/2011
1,1-Dichloroethene	Not detected	ug/L	200	SW846 8260B	CW	4/8/2011
Methyl ethyl ketone	Not detected	ug/L	20000	SW846 8260B	CW	4/8/2011
Tetrachloroethene	Not detected	ug/L	200	SW846 8260B	CW	4/8/2011
Trichloroethene	Not detected	ug/L	200	SW846 8260B	CW	4/8/2011
Vinyl chloride	Not detected	ug/L	200	SW846 8260B	CW	4/8/2011
Volatile Surrogate Recovery						
4-Bromofluorobenzene	111	%		8260/624	CW	4/8/2011
d4-1,2 Dichloroethane	103	%		8260/624	CW	4/8/2011
d8-Toluene	103	%		8260/624	CW	4/8/2011



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

To: Weston Solutions of Michigan, Inc.
360 E. Maple Road
Suite R
Troy, MI 48083

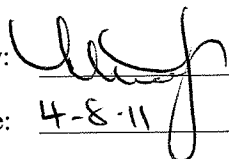
Sample Date: 3/31/2011
Submit Date: 4/1/2011
Report Date: 4/8/2011

BA Report Number: 13698
BA Sample ID: BU09567

Project Name: **Former Packard Plant**
Project Number: **20405.012.001.1325.00**
Sample ID: **FPP-OIL-03**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
------------	---------	-------	----	------------------	---------	---------------

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by: 
Date: 4-8-11

Elevated TCLP VOC due to sample matrix.

*Semi-volatile surrogate out of range due to sample matrix.



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

Sample Date: 3/31/2011
Submit Date: 4/1/2011
Report Date: 4/8/2011

To: Weston Solutions of Michigan, Inc.
360 E. Maple Road
Suite R
Troy, MI 48083

BA Report Number: 13698
BA Sample ID: BU09568

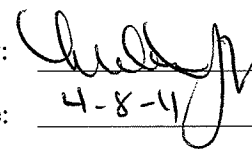
Project Name: Former Packard Plant
Project Number: 20405.012.001.1325.00
Sample ID: FPP-SOLID-01

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
TCLP Metal Analysis						
TCLP Arsenic	Not detected	ug/L	200	SW846 6020	GW	4/4/2011
TCLP Barium	300	ug/L	100	SW846 6020	GW	4/4/2011
TCLP Cadmium	Not detected	ug/L	40	SW846 6020	GW	4/4/2011
TCLP Chromium	Not detected	ug/L	10	SW846 6020	GW	4/4/2011
TCLP Copper	Not detected	ug/L	100	SW846 6020	GW	4/4/2011
TCLP Lead	Not detected	ug/L	200	SW846 6020	GW	4/4/2011
TCLP Mercury	Not detected	ug/L	2	SW846 7470A	KW	4/5/2011
TCLP Selenium	Not detected	ug/L	300	SW846 6020	GW	4/4/2011
TCLP Silver	Not detected	ug/L	100	SW846 6020	GW	4/4/2011
TCLP Zinc	280	ug/L	70	SW846 6020	GW	4/4/2011
TCLP Mercury (digestion)	Digested			7470	KW	4/5/2011
TCLP Metal (digestion)	Digested			3015	LS	4/4/2011

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by:

Date:


4-8-11



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

To: Weston Solutions of Michigan, Inc.
360 E. Maple Road
Suite R
Troy, MI 48083

Sample Date: 3/31/2011

Submit Date: 4/1/2011

Report Date: 4/8/2011

BA Report Number: 13698
BA Sample ID: BU09569

Project Name: Former Packard Plant
Project Number: 20405.012.001.1325.00
Sample ID: FPP-SOLID-02

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
TCLP Metal Analysis						
TCLP Arsenic	Not detected	ug/L	200	SW846 6020	GW	4/4/2011
TCLP Barium	400	ug/L	100	SW846 6020	GW	4/4/2011
TCLP Cadmium	Not detected	ug/L	40	SW846 6020	GW	4/4/2011
TCLP Chromium	Not detected	ug/L	10	SW846 6020	GW	4/4/2011
TCLP Copper	Not detected	ug/L	100	SW846 6020	GW	4/4/2011
TCLP Lead	Not detected	ug/L	200	SW846 6020	GW	4/4/2011
TCLP Mercury	Not detected	ug/L	2	SW846 7470A	KW	4/5/2011
TCLP Selenium	Not detected	ug/L	300	SW846 6020	GW	4/4/2011
TCLP Silver	Not detected	ug/L	100	SW846 6020	GW	4/4/2011
TCLP Zinc	380	ug/L	70	SW846 6020	GW	4/4/2011
TCLP Mercury (digestion)	Digested			7470	KW	4/5/2011
TCLP Metal (digestion)	Digested			3015	LS	4/4/2011
TCLP Semi-Volatile						
Cresol	Not detected	ug/L	20000	SW846 8270C	RG	4/8/2011
2,4-Dinitrotoluene	Not detected	ug/L	20	SW846 8270C	RG	4/8/2011
Hexachlorobenzene	Not detected	ug/L	20	SW846 8270C	RG	4/8/2011
Hexachlorobutadiene	Not detected	ug/L	50	SW846 8270C	RG	4/8/2011
Hexachloroethane	Not detected	ug/L	300	SW846 8270C	RG	4/8/2011
Nitrobenzene	Not detected	ug/L	200	SW846 8270C	RG	4/8/2011
Pentachlorophenol	Not detected	ug/L	10000	SW846 8270C	RG	4/8/2011
Pyridine	Not detected	ug/L	500	SW846 8270C	RG	4/8/2011
2,4,5-Trichlorophenol	Not detected	ug/L	40000	SW846 8270C	RG	4/8/2011
2,4,6-Trichlorophenol	Not detected	ug/L	200	SW846 8270C	RG	4/8/2011
TCLP BNA (extraction)	Extracted			3510C/3545	MB	4/7/2011
Semi-Volatile Surrogate Recovery						
d14-Terphenyl	116	%		8270/625	RG	4/8/2011
d5-Nitrobenzene	111	%		8270/625	RG	4/8/2011
d5-Phenol	93	%		8270/625	RG	4/8/2011



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

To: Weston Solutions of Michigan, Inc.
360 E. Maple Road
Suite R
Troy, MI 48083

Sample Date: 3/31/2011
Submit Date: 4/1/2011
Report Date: 4/8/2011

BA Report Number: **13698**
BA Sample ID: **BU09569**

Project Name: **Former Packard Plant**
Project Number: **20405.012.001.1325.00**
Sample ID: **FPP-SOLID-02**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
2-Fluorobiphenyl	108	%		8270/625	RG	4/8/2011
2-Fluorophenol	92	%		8270/625	RG	4/8/2011
2,4,6-Tribromophenol	143	%		8270/625	RG	4/8/2011

TCLP Volatile Analysis

Benzene	Not detected	ug/L	200	SW846 8260B	CW	4/8/2011
Carbon tetrachloride	Not detected	ug/L	200	SW846 8260B	CW	4/8/2011
Chlorobenzene	Not detected	ug/L	10000	SW846 8260B	CW	4/8/2011
Chloroform	Not detected	ug/L	600	SW846 8260B	CW	4/8/2011
1,4-Dichlorobenzene	Not detected	ug/L	750	SW846 8260B	CW	4/8/2011
1,2-Dichloroethane	Not detected	ug/L	200	SW846 8260B	CW	4/8/2011
1,1-Dichloroethene	Not detected	ug/L	200	SW846 8260B	CW	4/8/2011
Methyl ethyl ketone	Not detected	ug/L	20000	SW846 8260B	CW	4/8/2011
Tetrachloroethene	Not detected	ug/L	200	SW846 8260B	CW	4/8/2011
Trichloroethene	Not detected	ug/L	200	SW846 8260B	CW	4/8/2011
Vinyl chloride	Not detected	ug/L	200	SW846 8260B	CW	4/8/2011

Volatile Surrogate Recovery

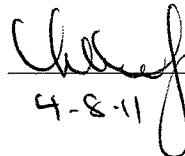
4-Bromofluorobenzene	101	%		8260/624	CW	4/8/2011
d4-1,2 Dichloroethane	104	%		8260/624	CW	4/8/2011
d8-Toluene	106	%		8260/624	CW	4/8/2011

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Elevated TCLP VOC due to sample matrix.

Released by:

Date:


4-8-11



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

To: Weston Solutions of Michigan, Inc.
360 E. Maple Road
Suite R
Troy, MI 48083

Sample Date: 3/31/2011
Submit Date: 4/1/2011
Report Date: 4/8/2011

BA Report Number: **13698**
BA Sample ID: **BU09593**

Project Name: **Former Packard Plant**
Project Number: **20405.012.001.1325.00**
Sample ID: **FPP-OIL-01 MS**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
TCLP Metal Analysis						
TCLP Arsenic	108%	ug/L		SW846 6020	GW	4/4/2011
TCLP Barium	104%	ug/L		SW846 6020	GW	4/4/2011
TCLP Cadmium	106%	ug/L		SW846 6020	GW	4/4/2011
TCLP Chromium	99%	ug/L		SW846 6020	GW	4/4/2011
TCLP Copper	102%	ug/L		SW846 6020	GW	4/4/2011
TCLP Lead	100%	ug/L		SW846 6020	GW	4/4/2011
TCLP Mercury	100%	ug/L		SW846 7470A	KW	4/5/2011
TCLP Selenium	99%	ug/L		SW846 6020	GW	4/4/2011
TCLP Silver	85%	ug/L		SW846 6020	GW	4/4/2011
TCLP Zinc	74%	ug/L		SW846 6020	GW	4/4/2011
TCLP Mercury (digestion)	Digested			7470	KW	4/5/2011
TCLP Metal (digestion)	Digested			3015	LS	4/4/2011
PCB Analysis						
ARO 1260	91	%		608/8082	BY	4/4/2011
PCB/Pesticide Surrogate Recovery						
Decachlorobiphenyl(DCB)	78	%		8081/8082	BY	4/4/2011
TCLP Semi-Volatile						
Acenaphthene	110	%		8270/625	RG	4/8/2011
4-Chloro-3-methylphenol	104	%		8270/625	RG	4/8/2011
2-Chlorophenol	116	%		8270/625	RG	4/8/2011
Dibenzofuran	108	%		8270/625	RG	4/8/2011
1,4-Dichlorobenzene	100	%		8270/625	RG	4/8/2011
Di-n-butylphthalate	117	%		8270/625	RG	4/8/2011
2,4-Dinitrotoluene	113	%		8270/625	RG	4/8/2011
2-Methylnaphthalene	114	%		8270/625	RG	4/8/2011
2-Methylphenol	112	%		8270/625	RG	4/8/2011



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

To: Weston Solutions of Michigan, Inc.

360 E. Maple Road

Suite R

Troy, MI 48083

Sample Date: 3/31/2011

Submit Date: 4/1/2011

Report Date: 4/8/2011

BA Report Number: 13698

BA Sample ID: BU09593

Project Name: Former Packard Plant

Project Number: 20405.012.001.1325.00

Sample ID: FPP-OIL-01 MS

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
3-Nitroaniline	115	%		8270/625	RG	4/8/2011
4-Nitrophenol	98	%		8270/625	RG	4/8/2011
N-Nitrosodi-n-propylamine	110	%		8270/625	RG	4/8/2011
Pentachlorophenol	134	%		8270/625	RG	4/8/2011
Phenol	106	%		8270/625	RG	4/8/2011
Pyrene	111	%		8270/625	RG	4/8/2011
1,2,4-Trichlorobenzene	111	%		8270/625	RG	4/8/2011
2,4,5-Trichlorophenol	124	%		8270/625	RG	4/8/2011
TCLP BNA (extraction)	Extracted			3510C/3545	MB	4/7/2011

Semi-Volatile Surrogate Recovery

d14-Terphenyl	121	%		8270/625	RG	4/8/2011
d5-Nitrobenzene	110	%		8270/625	RG	4/8/2011
d5-Phenol	102	%		8270/625	RG	4/8/2011
2-Fluorobiphenyl	116	%		8270/625	RG	4/8/2011
2-Fluorophenol	49	%		8270/625	RG	4/8/2011
2,4,6-Tribromophenol	140	%		8270/625	RG	4/8/2011

TCLP Volatile Analysis

Carbon tetrachloride	100	%		SW846 8260B	CW	4/8/2011
Chlorobenzene	84	%		SW846 8260B	CW	4/8/2011
Chloroform	93	%		SW846 8260B	CW	4/8/2011
cis-1,3-Dichloropropene	87	%		SW846 8260B	CW	4/8/2011
Dibromochloromethane	92	%		SW846 8260B	CW	4/8/2011
1,2-Dichlorobenzene	76	%		SW846 8260B	CW	4/8/2011
1,3-Dichlorobenzene	75	%		SW846 8260B	CW	4/8/2011
1,4-Dichlorobenzene	79	%		SW846 8260B	CW	4/8/2011
1,1-Dichloroethane	94	%		SW846 8260B	CW	4/8/2011
1,2-Dichloroethane	93	%		SW846 8260B	CW	4/8/2011
1,1-Dichloroethene	104	%		SW846 8260B	CW	4/8/2011
1,2-Dichloropropane	94	%		SW846 8260B	CW	4/8/2011
Tetrachloroethane	82	%		SW846 8260B	CW	4/8/2011



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

Sample Date: 3/31/2011
Submit Date: 4/1/2011
Report Date: 4/8/2011

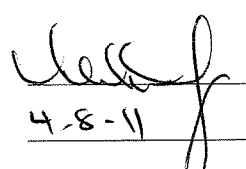
To: Weston Solutions of Michigan, Inc.
360 E. Maple Road
Suite R
Troy, MI 48083

BA Report Number: **13698**
BA Sample ID: **BU09593**

Project Name: **Former Packard Plant**
Project Number: **20405.012.001.1325.00**
Sample ID: **FPP-OIL-01 MS**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,2,2-Tetrachloroethane	93	%		SW846 8260B	CW	4/8/2011
1,1,2-Trichloroethane	90	%		SW846 8260B	CW	4/8/2011
Trichloroethene	94	%		SW846 8260B	CW	4/8/2011
Volatile Surrogate Recovery						
4-Bromofluorobenzene	98	%		8260/624	CW	4/8/2011
d4-1,2 Dichloroethane	103	%		8260/624	CW	4/8/2011
d8-Toluene	105	%		8260/624	CW	4/8/2011

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by: 

Date: 4-8-11



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

Sample Date: 3/31/2011
Submit Date: 4/1/2011
Report Date: 4/8/2011

To: Weston Solutions of Michigan, Inc.
360 E. Maple Road
Suite R
Troy, MI 48083

BA Report Number: **13698**
BA Sample ID: **BU09594**

Project Name: **Former Packard Plant**
Project Number: **20405.012.001.1325.00**
Sample ID: **FPP-OIL-01 MSD**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
TCLP Metal Analysis						
TCLP Arsenic	106%	ug/L		SW846 6020	GW	4/4/2011
TCLP Barium	103%	ug/L		SW846 6020	GW	4/4/2011
TCLP Cadmium	102%	ug/L		SW846 6020	GW	4/4/2011
TCLP Chromium	99%	ug/L		SW846 6020	GW	4/4/2011
TCLP Copper	100%	ug/L		SW846 6020	GW	4/4/2011
TCLP Lead	99%	ug/L		SW846 6020	GW	4/4/2011
TCLP Mercury	97%	ug/L		SW846 7470A	KW	4/5/2011
TCLP Selenium	105%	ug/L		SW846 6020	GW	4/4/2011
TCLP Silver	87%	ug/L		SW846 6020	GW	4/4/2011
TCLP Zinc	8% *	ug/L		SW846 6020	GW	4/4/2011
TCLP Mercury (digestion)	Digested			7470	KW	4/5/2011
TCLP Metal (digestion)	Digested			3015	LS	4/4/2011
PCB Analysis						
ARO 1260	95	%		608/8082	BY	4/4/2011
PCB/Pesticide Surrogate Recovery						
Decachlorobiphenyl(DCB)	75	%		8081/8082	BY	4/4/2011
TCLP Semi-Volatile						
Acenaphthene	109	%		8270/625	RG	4/8/2011
4-Chloro-3-methylphenol	112	%		8270/625	RG	4/8/2011
2-Chlorophenol	119	%		8270/625	RG	4/8/2011
Dibenzofuran	105	%		8270/625	RG	4/8/2011
1,4-Dichlorobenzene	101	%		8270/625	RG	4/8/2011
Di-n-butylphthalate	111	%		8270/625	RG	4/8/2011
2,4-Dinitrotoluene	118	%		8270/625	RG	4/8/2011
2-Methylnapthalene	114	%		8270/625	RG	4/8/2011
2-Methylphenol	115	%		8270/625	RG	4/8/2011
3-Nitroaniline	117	%		8270/625	RG	4/8/2011



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

To: Weston Solutions of Michigan, Inc.

360 E. Maple Road

Suite R

Troy, MI 48083

Sample Date: 3/31/2011

Submit Date: 4/1/2011

Report Date: 4/8/2011

BA Report Number: 13698

BA Sample ID: BU09594

Project Name: Former Packard Plant

Project Number: 20405.012.001.1325.00

Sample ID: FPP-OIL-01 MSD

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
4-Nitrophenol	119	%		8270/625	RG	4/8/2011
N-Nitrosodi-n-propylamine	117	%		8270/625	RG	4/8/2011
Pentachlorophenol	155	%		8270/625	RG	4/8/2011
Phenol	113	%		8270/625	RG	4/8/2011
Pyrene	103	%		8270/625	RG	4/8/2011
1,2,4-Trichlorobenzene	109	%		8270/625	RG	4/8/2011
2,4,5-Trichlorophenol	125	%		8270/625	RG	4/8/2011
TCLP BNA (extraction)	Extracted			3510C/3545	MB	4/7/2011
Semi-Volatile Surrogate Recovery						
d14-Terphenyl	118	%		8270/625	RG	4/8/2011
d5-Nitrobenzene	114	%		8270/625	RG	4/8/2011
d5-Phenol	114	%		8270/625	RG	4/8/2011
2-Fluorobiphenyl	115	%		8270/625	RG	4/8/2011
2-Fluorophenol	102	%		8270/625	RG	4/8/2011
2,4,6-Tribromophenol	134	%		8270/625	RG	4/8/2011
TCLP Volatile Analysis						
Carbon tetrachloride	90	%		SW846 8260B	CW	4/8/2011
Chlorobenzene	80	%		SW846 8260B	CW	4/8/2011
Chloroform	94	%		SW846 8260B	CW	4/8/2011
cis-1,3-Dichloropropene	87	%		SW846 8260B	CW	4/8/2011
Dibromochloromethane	90	%		SW846 8260B	CW	4/8/2011
1,2-Dichlorobenzene	66	%		SW846 8260B	CW	4/8/2011
1,3-Dichlorobenzene	64	%		SW846 8260B	CW	4/8/2011
1,4-Dichlorobenzene	67	%		SW846 8260B	CW	4/8/2011
1,1-Dichloroethane	98	%		SW846 8260B	CW	4/8/2011
1,2-Dichloroethane	96	%		SW846 8260B	CW	4/8/2011
1,1-Dichloroethene	105	%		SW846 8260B	CW	4/8/2011
1,2-Dichloropropane	93	%		SW846 8260B	CW	4/8/2011
Tetrachloroethane	70	%		SW846 8260B	CW	4/8/2011
1,1,2,2-Tetrachloroethane	89	%		SW846 8260B	CW	4/8/2011



Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

Sample Date: 3/31/2011
Submit Date: 4/1/2011
Report Date: 4/8/2011

To: Weston Solutions of Michigan, Inc.
360 E. Maple Road
Suite R
Troy, MI 48083

BA Report Number: 13698
BA Sample ID: BU09594

Project Name: Former Packard Plant
Project Number: 20405.012.001.1325.00
Sample ID: FPP-OIL-01 MSD

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
1,1,2-Trichloroethane	90	%		SW846 8260B	CW	4/8/2011
Trichloroethene	87	%		SW846 8260B	CW	4/8/2011
Volatile Surrogate Recovery						
4-Bromofluorobenzene	99	%		8260/624	CW	4/8/2011
d4-1,2 Dichloroethane	102	%		8260/624	CW	4/8/2011
d8-Toluene	104	%		8260/624	CW	4/8/2011

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by:

Date:

*Zinc matrix spike recovery out of range due to sample matrix.

